

METHOD OF MANUFACTURING NEAR-NET SHAPE ALLOY PRODUCT

ABSTRACT

A method of producing a heat treatable metal product having the ordered steps of providing an ingot of a heat treatable metal alloy; rolling the ingot to a flat product; removing material from the product to achieve a near-net shape of a desired final shape; and solution heat treating the product. The product is stretched to the desired final shape and aged to achieve the desired mechanical properties.